

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ABSTRACT

A directional nozzle for the jet output that is attached to a control cable system. This cable turns the directional nozzle, which causes the thrust of the jet output to turn the boat. Thus, the boat can be steered without having to turn the entire motor. Two different mechanisms are disclosed that enable the steering. The first is a tiller system that operates much like the traditional tiller on an outboard motor. However, unlike those tillers, this tiller operates the directional nozzle and does not turn the entire motor. The second mechanism is a bicycle handlebar system that is placed forward of the motor, much like a traditional wheel. The handlebar system, when combined with the directional nozzle system, produces faster steering response without the effort required to turn the wheel to make large sweeping turns.